

Industrial Engineering & Production Management Test MCQ Question Answer

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Question: 1. Replacement studies are made on the following basis:

- Option A. Annual cost method
- Option B. Rate of return method
- Option C. Total life average method
- Option D. Any one of the above

Question: 2. The salient feature of functional organisation is

- Option A. Strict adherence to specification
- Option B. Separation of planning and design part
- Option C. Each individual maintains functional efficiency
- Option D. All of the above

Question: 3. A CPM family includes

- Option A. CPA (Critical Path Analysis)
- Option B. CPP (Critical Path Plotted)
- Option C. CPS (Critical Path Scheduling)
- Option D. All of the above

Question: 4. The time by which the activity completion time can be delayed without affecting the start of succeeding activities, is known as

- Option A. Duration
- Option B. Total float
- Option C. Free float
- Option D. Interfering float

Question: 5. Break-even analysis consists of

- Option A. Fixed expenses
- Option B. Variable cost
- Option C. Sales revenue
- Option D. All of these

Question: 6. Direct expenses include

- Option A. Factory expenses
- Option B. Selling expenses
- Option C. Administrative expenses
- Option D. None of these

Question: 7. In perpetual inventory control, the material is checked as it reaches its

- Option A. Minimum value
- Option B. Maximum value
- Option C. Average value
- Option D. Middle value

Question: 8. A feasible solution to the linear programming problem should

- Option A. Satisfy the problem constraints
- Option B. Optimise the objective function
- Option C. Satisfy the problem constraints and non-negativity restrictions
- Option D. Satisfy the non-negativity restrictions

Question: 9. The value engineering technique in which experts of the same rank assemble for product development is called

- Option A. Delphi
- Option B. Brain storming
- Option C. Morphological analysis
- Option D. Direct expert comparison

Question: 10. What does symbol 'V' employ in work study

- Option A. Operation
- Option B. Inspection
- Option C. Delay/ temporary Storage
- Option D. Permanent storage

Question: 11. Which of the following type of layout is suitable for automobile manufacturing concern?

- Option A. Product layout
- Option B. Process layout
- Option C. Fixed position layout
- Option D. Combination layout

Question: 12. The artificial activity, which indicates that an activity following it cannot be started unless, the preceding activity is complete, is known as

- Option A. Event
- Option B. Free float
- Option C. Artificial
- Option D. Dummy

Question: 13. The breakeven point represents

- Option A. The most economical level of operation of any industry
- Option B. The time when unit can run without i loss and profit
- Option C. Time when industry will undergo loss
- Option D. The time when company can make maximum profits

Question: 14. Expediting function consists in keeping a watch on

- Option A. Operator's activity
- Option B. Flow of material and in case of trouble locate source of trouble
- Option C. Minimising the delays
- Option D. Making efficient despatching

Question: 15. Job evaluation is the method of determining the

- Option A. Relative worth of jobs
- Option B. Skills required by a worker
- Option C. Contribution of a worker
- Option D. Contribution of a job

Question: 16. Pick up the incorrect statement from the following. A critical ratio scheduling

- Option A. Establishes the relative priorities among various activities on a common basis
- Option B. Determines the status of each activity
- Option C. Adjusts automatically changes in activity progress
- Option D. None of the above

Question: 17. Time study is carried out to determine the time required to complete job by

- Option A. A slow worker
- Option B. A fast worker
- Option C. An average worker
- Option D. An apprentice

Question: 18. Which of the following layouts is suited to job production?

- Option A. Process layout
- Option B. Product layout
- Option C. Fixed position layout
- Option D. Plant layout

Question: 19. The deductions for, employees provident fund start

- Option A. Immediately on joining the service
- Option B. After 60 days of joining the service
- Option C. After 100 days of joining the service
- Option D. After 240 days of joining the service

Question: 20. For a product layout the material handling equipment must

- Option A. Have full flexibility
- Option B. Employ conveyor belts, trucks, tractors etc.
- Option C. Be a general purpose type
- Option D. Be designed as special purpose for a particular application

Question: 21. The procedure of modifying work content to give more meaning and enjoyment to the job by involving employees in planning, organisation and control of their work, is termed as

- Option A. Job enlargement
- Option B. Job enrichment
- Option C. Job rotation
- Option D. Job evaluation

Question: 22. Queueing theory is used for

- Option A. Inventory problems
- Option B. Traffic congestion studies
- Option C. Job-shop scheduling
- Option D. All of the above

Question: 23. In a PERT chart

- Option A. All activities should be numbered
- Option B. Only important activities should be numbered
- Option C. Only critical activities are numbered
- Option D. Only selected activities are numbered

Question: 24. The first method invented for planning projects was

- Option A. Bar chart method
- Option B. Milestone chart
- Option C. Critical path method (CPM)
- Option D. Programme evaluation and review technique (PERT)

Question: 25. A dummy activity

- Option A. Is artificially introduced
- Option B. Is represented by a dotted line
- Option C. Does not require any time
- Option D. All of the above

Question: 26. The bonus increases in proportion to the increase in efficiency. This statement applies to

- Option A. Halsey plan
- Option B. Gantt plan
- Option C. Emerson's efficiency plan
- Option D. Rowan plan

Question: 27. Which of the following statement is correct?

- Option A. When slack of an activity is zero, it falls only on critical path.
- Option B. CPM technique is useful to minimise the direct and indirect expenses.
- Option C. Critical path of a net work represents the minimum time required for completion of

project.

Option D. All of the above

Question: 28. In manufacturing management, the term 'Dispatching' is used to describe

Option A. Dispatch of sales order

Option B. Dispatch of factory mail

Option C. Dispatch of finished product of the user

Option D. Dispatch of work orders through shop floor

Question: 29. In order to avoid excessive multiplication of facilities, the layout preferred is

Option A. Product layout

Option B. Process layout

Option C. Group layout

Option D. Static layout

Question: 30. The most popular type of organisation used for Civil Engineering Constructions is

Option A. Line organisation

Option B. Line and staff organisation

Option C. Functional organisation

Option D. Effective organisation

Answer Sheet

1	D	
2	D	
3	D	
4	C	
5	D	
6	D	
7	A	
8	C	
9	B	
10	D	
11	A	
12	D	
13	C	
14	B	
15	A	
16	D	
17	C	
18	A	
19	D	
20	D	
21	B	
22	D	
23	A	
24	A	
25	D	
26	C	
27	D	
28	D	
29	B	
30	A	